

The Third International Congress on Desert Economy.

Energy Economics between Deserts and Oceans.

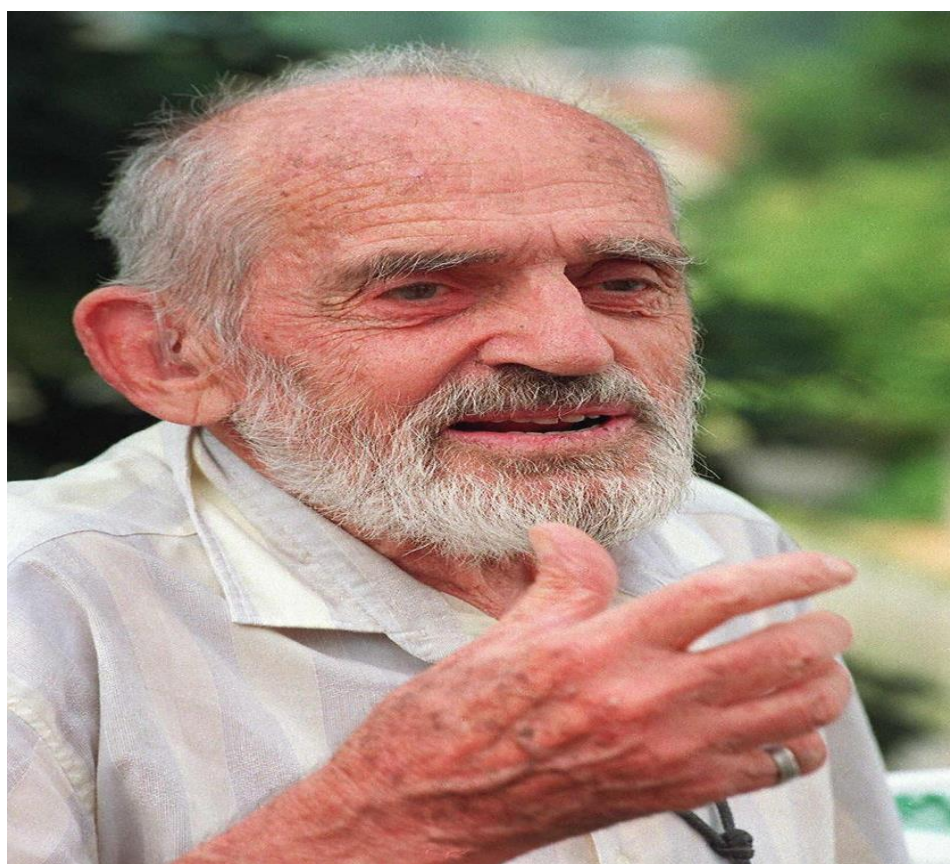
May 11th- 12th, 2022, Dakhla, Morocco.

sahara-economy3.sciencesconf.org

The National School of Business and Management (ENCG)
 Dakhla, Morocco

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Prof. Théodore Monod

ICDED Dakhla 2022

INTERNATIONAL
CONGRESS
ON

DESERT
ECONOMY

DAKHLA ENCG
REGIONAL COUNCIL
Oued Eddahab
MOROCCO

INTERNATIONAL CONGRESS ON DESERT ECONOMY



The National School of Business and Management (ENCG) of Dakhla
and the Regional Council of Dakhla Oued Eddahab region - Morocco, organize:

The Third International Congress on Desert Economy

Under the theme : Energy Economics between Deserts and Oceans

May 11th - 12th, 2022, ENCG, Dakhla, Morocco



economydesert@gmail.com

International Congress on Desert Economy – Dakhla, Morocco.

Think globally, act locally.

**The National School of Business and Management of Dakhla
(ENCG Dakhla).**

L'École Nationale de Commerce et de Gestion, ENCG Dakhla, Maroc.



1- Purpose and scope of The International Congress on Desert Economy – Dakhla, Morocco.

The International Congress on Desert Economy – Dakhla (ICDED), is the pioneer and the first worldwide meeting on arid lands, the Sahara, and desert economic development and scientific research (R&D), whose approach is to think globally (internationally) and act locally, it's annually co-organized by the National School of Business and Management (ENCG) of Dakhla, and the Regional Council of Dakhla Oued Eddahab region- Morocco. This third edition will be held on **May 11 and 12, 2022**, in the Dakhla city, Morocco.

The ultimate purpose of The International Congress on Desert Economy - Dakhla, is to be an interdisciplinary scientific research platform on the desert, arid lands, and the Sahara (hot drylands, hyperarid or semi-arid regions, oasis and remote rural areas) economy, management, and development (rural development), in order to contribute effectively to the good governance and in the sustainable development of arid lands worldwide, by attracting and promoting investment opportunities in the Sahara and deserts, and by stimulating meetings between all stakeholders on a global scale: Academics, Professionals, Policy-Makers, Civil society and NGOs..., with a view to fostering dialog, partnership, and cooperation among desert countries worldwide: Africa and the Gulf States (the MENA and the Sahel...), the United States of America, Australia, China, India, South America..., with the aim of valuing and promoting the desert knowledge and its related studies' and conferences' findings and recommendations, and creating a conducive environment to the exchange of experiences, expertise, trainings, educational practices and innovation, around themes related to the desert economy and to the arid lands management, such as Tourism, travel industry and tourism economics; Livestock economics, management, and production; Agriculture, aquaculture, and agricultural economics (rural economics); The Economics of water, drought and water scarcity management; Renewable energy, energy economics, and energy management; Mining and natural resource management; Transportation and logistics; Fisheries, maritime, sea, and ocean economy; Economics of space (space economy) and space industry; Technology and innovation; Water sports and entertainment, sports economy and sports management; Cultural and creative industries, tangible and intangible heritage; Biodiversity, wetlands, environment, and nature conservation and management...Thus, each year, an edition will be organized.

Besides the main theme of this third edition entitled “**Energy Economics between Deserts and Oceans**”, it will also be devoted to addressing general issues on the desert (Sahara) economy management and its sustainable development.

Note that this third edition of the International Congress on Desert Economy – Dakhla, was supposed to be organized on **April 21st and 22nd** , 2020, but due to the current situation related to Covid-19 (Coronavirus), it's rescheduled to **May 11th and 12th**, 2022, in Dakhla, Morocco.

2- Organizing committee.

Dr. **Elouali AAILAL**: President and Coordinator of the International Congress on Desert Economy. Dakhla

President of the "**Desert Action**" Association, Dakhla. Morocco.

Members:

- **Elouali Aailal**. Research Professor at the ENCG of Dakhla.
- **Aziz Sair**. Director of the National School of Business and Management, ENCG Dakhla. **Morocco**.
- **Juan Manuel Benitez**. Dean of the Faculty of Economics, Business, and Tourism.
University of Las Palmas de Gran Canaria, **Spain**.
- **Kaoutar Roussi**. Research Professor at the ENCG of Dakhla.
- **Hajar El Moukhi**. Research Professor at the ENCG of Dakhla.
- **Mehdi Boutaounte**. Research Professor at the ENCG of Dakhla.
- **Youssef Hanyf**. Research Professor at the ENCG of Dakhla.
- **Lahoucine Assellam**. Research Professor at the ENCG of Dakhla.
- **Salek Riadi**. Research Professor at the EST of Laâyoune
- **Mohamed Er-Raji**. Research Professor at the ENCG of Dakhla.

3- Argument. By Dr. Elouali AAILAL.

Gradually we recognize the incredible benefits of inter-African collaboration (and the enormous cost of the lack of inter-African cooperation) both for Africa itself and for the world.

Thanks to multilateral African and international cooperation, deserts and arid lands across the globe, especially in Africa (The Sahara and the Sahel), with their vast and rich natural maritime seabords and coastlines, are an open workshop and a scene of substantial and Trans-Saharan megaprojects and infrastructures: The DESERTEC Project (Clean and renewable energy); the Great Green Wall for the Sahara and the Sahel Initiative (Greening the Sahara and combating the desertification); the Trans Africa Pipeline Project (Bringing Water to the Great Sahara and the Sahel); the "Power Africa" Initiative; the "Desert to Power" Initiative; the "Dakhla Atlantic Port" Project; The Morocco - Nigeria Gas Pipeline; The African Continental Free Trade Area AfCFTA (Africa's Silk Road); The United States of America's Initiative: "Prosper Africa"; China's Belt and Road Initiative BRI (China's new silk road and maritime silk road: One Belt One Road OBOR)...Such promising Megaprojects and Initiatives, if fully executed, will undoubtedly contribute to rebirthing Africa into holding its deserved high stature, and will play a pivotal role in keeping up with sustainable development and in ensuring African food security, even more, they will provide abundance in the production for export.

The Possible Africa, where there are all ingredients: Diversity and younger population, richness in natural resources, unique geographical configuration and morphology: Savannah, forests, mountains, lakes, vast coasts, deserts, and the Great Sahara Desert.

The Sahara Desert, instead of being underexploited, it could be an exclusive competitive advantage and the mythical and memorable brand image for Africa, and it may be the ideal place to boot a strong and long term inter-African and international cooperation in the service of humankind.

The targeted sustainable development in arid lands, just like anywhere else, is governed by an environmental transformation that will fundamentally change our lifestyle, as sustainability is its corn stone. Concepts like the green economy or circular economy, the blue or ocean economy, and ecotourism (desert tourism) are all plainly supposed to be renewable energy dependant. Thus, the environmental impact of any human activity, such as, travel and tourism industry, land and maritime transport, shipping and logistics, agricultural and fishing... is a major criterion that will tag the range of receptivity and continuity of these economic activities, in the light of an increasingly environmentally-friendly legal arsenal, with a focus on green finance and cleantech.

As a matter of fact, economic development worldwide is entirely dependent on the interactions between energy and economy systems, where our dependence on clean and renewable energy becomes more and more confirmed. Energy Economics could be defined as a branch of economic studies devoted to quantitatively and qualitatively deciphering our well-being and prosperity in their interaction with energy resources.

According to the International Renewable Energy Agency, by 2050, the overall total investment in the energy system would need to reach USD 110 trillion (around 2% of average annual GDP over this period), the level of extra investments required to set the world on a more climate-friendly path above current plans and policies, is USD 15 trillion. The share of renewables in the world's total final energy consumption has to increase six times faster to match up to agreed climate goals, precisely, the seventh Sustainable Development Goal, which states for ensuring that everyone will be able to have access to affordable, reliable, sustainable and modern energy. For that, international financial flows to developing countries, in support of clean and renewable energy, reached USD 18.6 billion in 2016, almost doubling

from USD 9.9 billion in 2010. This trend is likely to increase due to the promising opportunities offered by a steady decline in renewable energy production costs, leading to lower prices.

So far, in some countries, oceans and seas still the primary sources of conventional energy (oil, gas), despite their richness in marine renewable energies (offshore energy): traditional marine renewable energies (ocean wind energy and ocean solar energy), wave energy and tidal energy, as specific forms of marine (ocean) power. Also, knowing that ocean-based renewable energy has not yet achieved the economies of scale necessary for significant cost reductions, but, as oceans and seas cover more than 70 % of the Earth's surface, it's not surprising that a large share of future energy production will probably come from ocean-based renewable energy. To show the potential energy glut, published studies have shown that the ocean wind energy potential is so significant and large enough that it could, theoretically, be used to propel human civilization.

Morocco took up the challenge of increasing green renewable energy production from total renewable energy to 52 % by 2030, initially set at 42 % by 2020. This specific achievement becomes a reality thanks to the adoption of an ambitious energy strategy, including generating renewable energies in Moroccan deserts: The Solar Complex (Noor) in Ouarzazate, the largest wind farm in Africa located in the coastal desert of the city of Tarfaya, and last but not least, the project to be implemented in the Sahara of the Dakhla region, aiming to generate renewable and clean energy, from wind, this wind energy will be used in mining the cryptocurrencies based on Blockchain technology, such as the Bitcoin.

Dr. Elouali Aailal. Founder and President of the International Congress on Desert Economy. Dakhla. Morocco.

4- Scientific committee.

- **Assia BenSalah Alaoui.** The Orientation Council of the Royal Institute of Strategic Studies (IRES)-Rabat. The Association «Leaders for Peace». The Moroccan-British Society. The Moroccan-Japanese Friendship Association. [Morocco](#).
- **Aziz Sair.** Director of the National School of Business and Management, ENCG Dakhla. [Morocco](#).
- **Keith W. Martin.** Founding member of The Sahara Spirit Foundation. [Morocco](#). Member of the Rotary International committee. [United States of America](#).
- **Sharon Megdal.** President of the International Arid Lands Consortium. Director of the University of Arizona Water Resources Research Center (WRRC). Arizona. [United States of America](#).
- **Paul Van Son.** President & CEO of the DESERTEC Industrial Initiative. Desert Energy. Honorary President of the European Federation of Energy Traders (EFET). [Germany](#).
- **Nasir El Bassam.** Director of the International Renewable Energy Research Center. [USA](#). Chairman of the World Renewable Energy Council, [Germany](#).
- **Brian Sandoval.** President of the University of Nevada, Reno. Former Governor of the State of Nevada. [United States of America](#).
- **Ghaleb Alhadrami.** Provost & Vice Chancellor of the United Arab Emirates University. [United Arab Emirates](#).
- **Alan Gertler.** Vice President of Research at the Desert Research Institute (DRI), Reno. Director of the Clean Technologies and Renewable Energy Center. Nevada. [United States of America](#).

- **Jean Luc Chotte.** President of the French Scientific Committee on Desertification (CSFD). Research Director at the Research Institute for Development, IRD. **France.**
- **Juan Manuel Benitez.** Dean of the Faculty of Economics, Business, and Tourism. University of Las Palmas de Gran Canaria. **Spain.**
- **James Smith.** President-elect of the International Association for Energy Economics (IAEE). Southern Methodist University. Texas. **United States of America.**
- **Roderick Tennyson.** Co-Founder and President of the Trans Africa Pipeline Inc (TAP). Institute for Aerospace Studies, University of Toronto. **Canada.**
- **Mustapha Taoumi.** Clean Energy Key Expert at EU GCC, CETN III. **United Arab Emirates.** Former regional officer for MENA region at The International Renewable Energy Agency (IRENA). **Morocco.**
- **Carmelo Rodriguez Torreblanca.** President of the University of Almería. **Spain.**
- **Hillard Huntington.** Director of the Energy Modeling Forum. Stanford University. California. **United States of America.**
- **Jimmy Cocking.** Director of the Desert Knowledge Australia (DKA). CEO of the Arid Lands Environment Center. Vice President of the Australian Conservation Foundation. **Australia.**
- **Johan Hollander.** World Maritime University (WMU), Global Ocean Institute, and International Maritime Organization (IMO). **Sweden.**
- **Mustapha Naimi.** University Institute of Scientific Research, Rabat. **Morocco.**
- **Ousmane Dramé.** President of the Ahmed Baba University (UPAB). President of the Coalition for Higher Education in Mali. Commissioner for the governance of the International Network of Higher Education Institutions of the CAMES Area. **Mali.**
- **Bernard Faye.** Founder and the first President of The International Society of Camelid Research and Development (ISOCARD). Camelologist at The French Agricultural Research Centre for International Development (CIRAD). **France.**
- **Mubarak Abdalla.** Director of the Desertification and Desert Cultivation Studies Institute. Deputy Dean of Agricultural and Veterinary Studies, University of Khartoum. **Sudan.**
- **Poul Alberg Østergaard.** Director of the Sustainable Energy Planning and Management Program. Aalborg University. **Denmark.**
- **Gabriel del Barrio.** Experimental Station of Arid Zones, Almería. The Spanish National Research Council (CSIC). **Spain.**
- **Mahamat Saleh Daoussa Haggar.** President of the University of N'Djaména. **Chad.**
- **André Torre.** Director at MSH Paris-Saclay University. Research Director at the National Institute for Agronomic Research (INRA). President of the European Regional Science Association (ERSA). **France.**
- **Sergio Moreno Gil.** Co-Director of International Relations at UNESCO Chair in Tourism and Sustainable Economic Development. University of Las Palmas de Gran Canaria. **Spain.**
- **Maureen McCarthy.** Tahoe & Great Basin Research Director, University of Nevada. Research Faculty at the Desert Research Institute (DRI), Reno, Nevada. **United States of America.**

- **Christoph Lütge**. Director of the Institute for Ethics in Artificial Intelligence. Technical University of Munich. **Germany**. Former Visiting Professor at Harvard University, Cambridge, Massachusetts. **USA**.
- **Najat El Mekkaoui**. University Paris Dauphine. **France**. Board member of the Moroccan Central Bank (Bank Al-Maghrib), Chairman of the Social Funds Steering Committee. **Morocco**.
- **El Moustapha Sidi Mohamed**. Director of the Higher Institute of Accounting and Business Administration, ISCAE. **Mauritania**.
- **Aykut Olcer**. Head of Maritime Energy Management. World Maritime University. **Sweden**.
- **Kader Kaneye**. Founder and President of the African Development University. **Niger**.
- **Romila Verma**. Founder and Director of the Trans Africa Pipeline Inc (TAP). University of Toronto. **Canada**. ISMARE Environmental. **India**.
- **Niels Vestergaard**. Director of the Centre for Fisheries and Aquaculture Management and Economics (FAME). University of Southern Denmark. **Denmark**.
- **Latifa Lankaoui**. Member of the Board of Directors of the “Forum d'Echanges et de Rencontres Administratifs Mondiaux (FERAM)”, FSJES Souissi, Mohammed V University, Rabat. **Morocco**.
- **Nishanov Nariman**. Economist at the International Center for Agricultural Research in the Dry Areas (ICARDA). National Project Coordinator of FAO at the Central Asia Desert Initiative (CADI). **Uzbekistan**.
- **Heriberto Suárez**. Institute of Tourism and Sustainable Economic Development, University of Las Palmas de Gran Canaria. **Spain**.
- **Jinlong Ma**. University of Melbourne. **Australia**. Vice president at APEC Sustainable Energy Centre, Tianjin University, **China**.
- **Houcine Khatteli**. General Director of the Institute of Arid Regions, **Tunisia**.
- **Hassan Ramou**. Institute of African Studies (IEA), Rabat.
- **Abdou Maisharou**. General Director of the National Agency of the Great Green Wall for the Sahara and the Sahel. **Niger**.
- **Ole Kristian Sivertsen**. CEO at Desert Control. **Norway**.
- **Andreas Walmsley**. Icelandic Tourism Research Centre, University of Iceland. **Iceland**. Coventry University. **United Kingdom**.
- **Khaled Sharbatly**. “Desert Technologies”. **Saudi Arabia**.
- **Juan Luis García**. Director of the Atacama Desert Center. Faculty of History, Geography and Political Science. **Chile**.
- **Lhasan Elmrani**. President of the Center for Studies and Development of Oasis and Desert Territories. Errachidia.
- **Julius Gatune**. The African Center for Economic Transformation. **South Africa**.
- **Aicha Oujaa**. National Institute of Sciences of Archeology and Heritage, Rabat.
- **Hanaa Hachimi**. President of the Moroccan Society of Engineering Sciences and Technology, Director of the Systems Engineering Laboratory. Sultan Moulay Slimane University, Beni Mellal.

- **Abdelbassat Elhajoui.** Educational Program Director at the Sports Management School (SMS). Rabat.
- **Celestin Christian Tsala Tsala.** University of Yaoundé I. [Cameroon](#).
- **Ouafae Ouariti Zerouali.** ENCG, Agadir.
- **Fatima Arib.** Director of ACISS, Cadi Ayyad University, Marrakech.
- **Najat Ouaaline.** FST, Hassan I University, Settat.
- **Asmae Bouaouinate.** FLSH, Mohammedia.
- **Hamid Nechad.** ENCG, Tangier.
- **Oumhani Eddelani.** FSJES, Sidi Mohammed Ben Abdellah University, Fez.
- **Jamila Saidi.** FLSH, Mohammedia.
- **Zakaria Ez-zarzari.** FSJES, Ibn Tofail University, Kenitra.
- **Mounir Jerry.** FSJES, Ibn Tofail University, Kenitra.
- **Aimad Elhajri.** FSJES, Cadi Ayyad University, Marrakech.
- **Ghita El Kasri.** Co-Founder of Blockchain Embassy and Schoonect, EdTech for students' engagement. Casablanca.
- **Seedou Mukhtar Sonko.** Assane Seck University of Ziguinchor. [Senegal](#).
- **Kaoutar Roussi.** ENCG, Dakhla.
- **Hassane Amaazoul.** ENCG, Dakhla.
- **Hajar El Moukhi.** ENCG, Dakhla.
- **Mehdi Boutaounte.** ENCG, Dakhla.
- **Youssef Hanyf.** ENCG, Dakhla.
- **Lamia El Kahri.** ENCG, Dakhla.
- **Lahoucine Assellam.** ENCG, Dakhla.
- **Fadoua Lemsagued.** ENCG, Dakhla.
- **Mohammed El Amrani.** ENCG, Dakhla.
- **Asmae El Hidani.** ENCG, Dakhla.
- **Salek Riadi.** EST, Laâyoune.
- **Mohamed Er-Raji.** ENCG, Dakhla.
- **Aziz Hantem.** ENCG, Dakhla.
- **Chahida El Idrissi.** ENCG, Dakhla.
- **Ouafae Bouchaf.** ENCG, Dakhla.
- **Sheikh Mohamed Maoulainine.** Regional Director of the High Planning Commission, Dakhla.
- **Bathily Diahara.** University of Law and Political Science of Bamako. [Mali](#).
- **Abdellah El Boussadi.** ENCG, Casablanca.
- **Abdelkarim Asdiou.** ENCG, Casablanca.

5- Themes.

As the International Congress on Desert Economy - Dakhla, is an interdisciplinary scientific research platform on the desert and arid regions, and due to the lack in economic and scientific literature on deserts, arid zones, and the Sahara, there will be a variety of themes, and contributions will focus mainly on one of the following (non-exhaustive) themes:

1. Trans-Saharan Megaprojects and Initiatives (Trans-African):

- **The DESERTEC Project;**
- **The Great Green Wall for the Sahara and the Sahel Initiative** (Greening the Sahara and combating the desertification);
- **The Trans Africa Pipeline Project** (Bringing Water to the Great Sahara and the Sahel);
- **The " Power Africa " Initiative;**
- **The " Desert to Power " Initiative;**
- **The " Dakhla Atlantic Port" Project;**
- **The Morocco - Nigeria Gas Pipeline;**
- **The African Continental Free Trade Area AfCFTA (Africa's Silk Road);**
- **The United States of America's Initiative: " Prosper Africa ";**
- **The MENA and China's Belt and Road Initiative BRI (China's new silk road and maritime Silk Road).**

2. Regional and Inter-African Economic Cooperation and Partnerships in the Sahara and the Sahel.

3. International Cooperation on Arid Lands Scientific Research and Development (R&D on deserts and the Sahara).

4. Business, Entrepreneurship, and Investments in Arid Lands (Deserts, Sahara) and Remote Rural Areas.

5. Energy Business, Entrepreneurship in Energy, and Energy Management.

6. Energy, Desertification, Climate Change (Resilience and Adaptation), and Environment.

7. Renewable Energy and Energy Transition.

8. Offshore Renewable Energy, Marine Wind Energy and Marine Solar Energy (Ocean Power).

9. Wave Energy and Tidal Energy.

10. Low Carbon Energy: Power-to-X and Green Hydrogen (economic, social and environmental aspects).

11. Deserts (Arid lands, Sahara), the Economics of Space (Space Economy), and Space Industry.

12. Deserts (Arid lands, Sahara) and Global Economic Transformation.

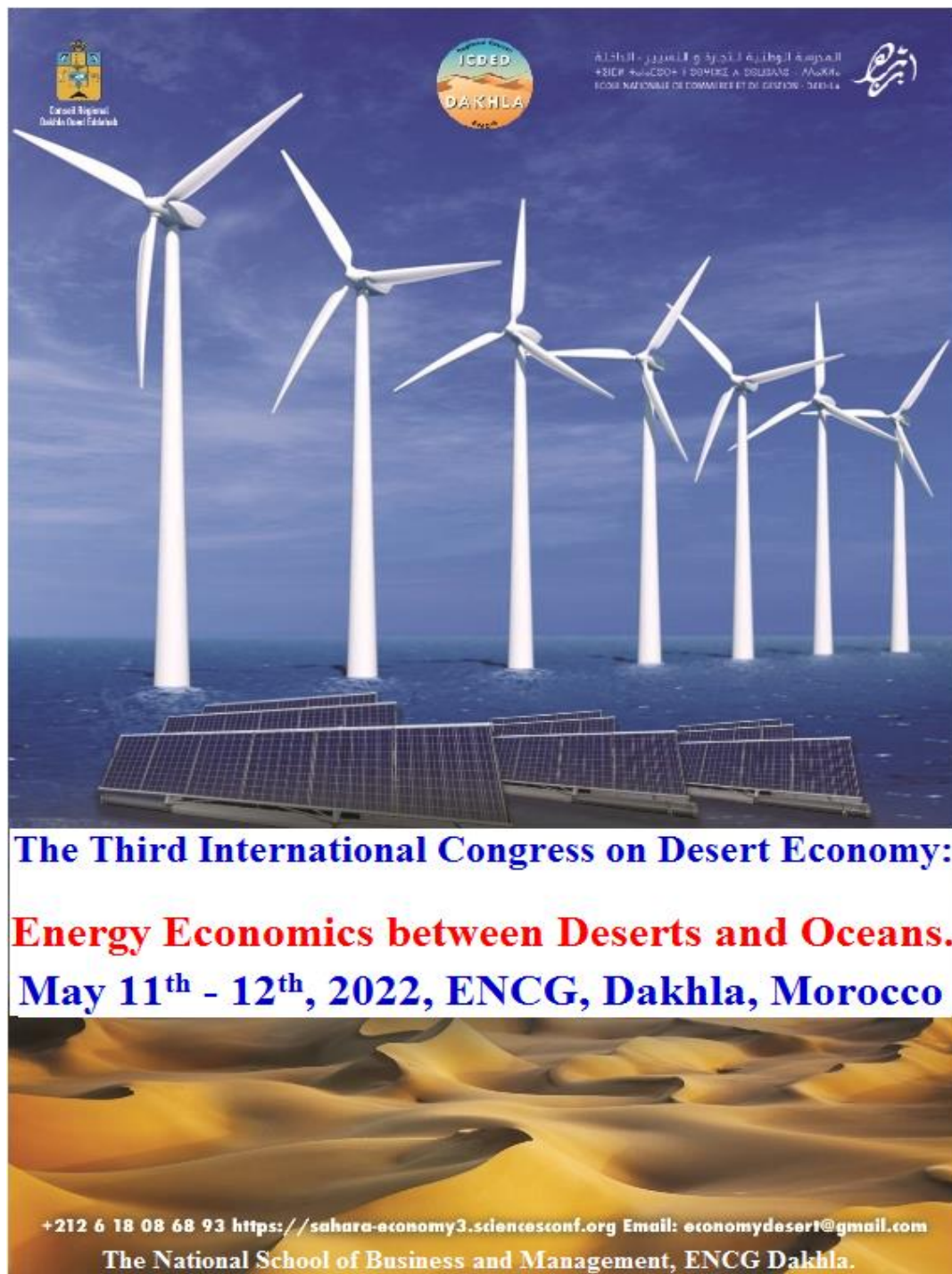
13. The Economics of Water, Energy, and Hydraulic Resources Management.

14. Energy Supply and Demand.


15. Energy Crisis Management, Energy Risk Management, and the Impacts of Coronavirus Crisis on Energy Sector (Pre-crisis, during, and Post Covid-19 crisis).

16. Access to Energy and Energy Security.

- 17. Conventional Energy Resources: Oil (Hydrocarbons), Gas, and Coal.**
- 18. Energy in Tourism, Travel, and Hospitality Industry.**
- 19. Energy in Agribusiness, Aquabusiness (aquaculture), and Fisheries Business (Halieutic).**
- 20. Drought, Water Scarcity Management, and the Opening up of Remote Rural Arid Regions.**
- 21. Energy and Food Security in Drylands, Arid Agriculture (Desert Agriculture), Biosaline Agriculture, Precision Agriculture, and Irrigation Rationalization (economic, social and environmental aspects).**
- 22. Livestock Economics, Management, and Production (Camels, Sheep, Cows...).**
- 23. Agricultural Economics (rural economics).**
- 24. Sustainable Mobility (Ecomobility), Transportation, Logistics and Supply Chain Management.**
- 25. Energy Economics Modeling.**
- 26. Energy Policy, Law, and Regulation.**
- 27. New Technologies (Artificial Intelligence, Blockchain...) and Energy Efficiency (economic, social and environmental aspects).**
- 28. Sustainable Off-Grid Electricity for Rural and Remote (arid) Areas, and Poverty Reduction.**
- 29. Economic Geology and Economic Geography.**
- 30. Arid Lands (Deserts and the Sahara) Tourism (Ecotourism, Nature Tourism, Sustainable Tourism), Travel, and Hospitality Industry.**
- 31. Ocean Economy, Sea Economy (Maritime), and Blue Economy.**
- 32. Economics and Management of Fisheries and Aquaculture.**
- 33. Tourism, Travel, and Hospitality Industry (Tourism Economics).**
- 34. Sports Economy, Water (nautical) Sports Management, and Recreation Economy.**
- 35. Cultural Entrepreneurship and Management of Tangible and Intangible Heritage (Arts, Cultural Industries, Creative Industries and Music Industry, Traditional Crafts, and Artisans.)**
- 36. Green Economy, Circular Economy, and Sustainable Development.**
- 37. Social and Solidarity Economy, and Corporate Social Responsibility (CSR).**
- 38. Public Policy (Planning and Spatial Development), Regional Development (Territorial Development) and Rural Development (Rural Entrepreneurship), Development of Oases and Remote Areas.**
- 39. Public/Private Investment and Business Climate.**
- 40. International Collaboration and Trade Logistics.**
- 41. Migrations and SDGs.**
- 42. Management, Governance, and Sustainability Issues.**
- 43. Entrepreneurship, Marketing, and Innovation.**
- 44. Knowledge Economy and Human Capital.**
- 45. Finance and Financial System.**
- 46. Digital Economy.**
- 47. Economic Intelligence.**







المجلس الجهوي
 دakhla

المدرسة الوطنية للتجارة والتسيير - الدakhla
 +SCHOOL OF BUSINESS & MANAGEMENT - DAKHLA
 ÉCOLE NATIONALE DE COMMERCE ET DE GESTION - DAKHLA

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+212 6 18 08 68 93 <https://sahara-economy3.sciencesconf.org> Email: economydesert@gmail.com
 The National School of Business and Management, ENCG Dakhla.

6- Call for Papers.

Note that this third edition was supposed to be organized **April 21st and 22nd, 2020**, but due to the current pandemic situation related to Covid-19 (Coronavirus), it's rescheduled to **May 11th and 12th, 2022**, and the call for papers is reopened until **Mars 31, 2021**.

It is with great pleasure that we invite you to **submit** an abstract for presentations, as oral communication, through the congress website: <https://sahara-economy3.sciencesconf.org>, within the framework of one of the **themes** of the congress, before **Mars 31, 2021**. Proposals must meet the scientific standards required in the **Author guidelines** section.

Attendance and participation in the Congress are free of charge (there are no registration or participation fees), however, for a better organization, preliminary online [registration](https://sahara-economy3.sciencesconf.org) is **required** before **Mars 31, 2022**.

For PhD students, please bring your student ID card or your registration certificate.

After evaluation by the Scientific Committee of the abstracts of communication projects, authors will be informed of the results via email.

Full versions of the research papers must reach the Scientific Committee before **September 15, 2021**.

Both, the two collective lunches and the collective dinner, as well as coffee breaks, during the days of the Congress, are offered in honor of the participants. Supplies and documentation such as satchels, notepads... are also available. The airport shuttle will be provided by the ENCG of Dakhla, for participants coming from Abroad.

Further information about the Congress, including information on **Dakhla city**, about cheaper hotels, will be available on our website: <https://sahara-economy3.sciencesconf.org>. For more information, please contact: **E-mail:** economydesert@gmail.com or **Tel:** +212618086893

7- Author guidelines.

In order to submit an abstract, please follow these steps:

1. Create an account by selecting "[Registration](https://sahara-economy3.sciencesconf.org)" on our website: <https://sahara-economy3.sciencesconf.org>
2. Submit your abstract by selecting "[Submit](#)" before **Mars 31, 2021**.
3. If you receive a notification of acceptance, "[Submit](#)" and send the full version before **September 15, 2021**.

Please submit the abstract of your proposal for oral communication via the submission system on our website (copy and paste your abstract in the space provided in the form).

Abstracts should not exceed 600 words and should include:

1. The header:

- The title of the communication;
- The first name and the last name ;
- Function and institutional affiliation;
- Keywords (3-5).

2. The abstract text:

1. The problem;
2. The objectives;
3. The methodological framework;
4. Preliminary results (if possible).

Oral communications.

Oral interventions will be in English, Arabic, French and Spanish, for a period of 10 minutes, followed by a discussion of 5 minutes.

Final versions.

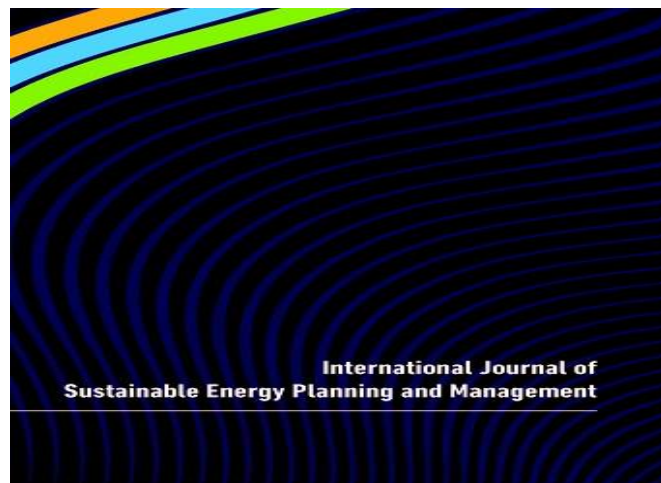
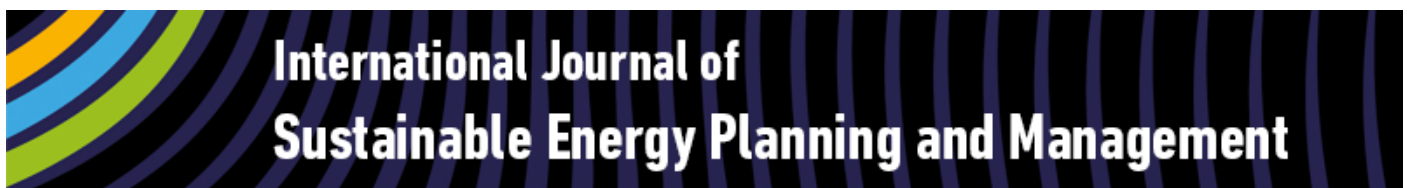
The full versions, is to be submitted, first via the website, then to send another version, no later than **September 15, 2021**, as an attached file in **Microsoft Word format** to the following e-mail address: economydesert@gmail.com , a template of the accepted full versions is available on the website.

8- Publication.

It is planned to publish the accepted and presented papers during the congress, in a collective work (in the Proceedings of the Congress).

Best selected papers will also be published in [The International Journal of Sustainable Energy Planning and Management](#) (IJSEPM) and / or in [The International Journal of Economics and Management Research](#) (IJEMARE).

The languages of the Congress are: English, Arabic, French and Spanish.



9- PhD Workshop.

A PhD workshop will be organized as part of **the third International Congress on Desert Economy, Dakhla**. The challenge is to allow PhD students to make a short oral presentation (6 min at most) on their theses work at various stages of advancement. This doctoral workshop is organized in the context of the importance given by our School to young researchers. We are committed to fostering their integration into the scientific community. PhD students in various disciplines (Economics, Management, Geography, Environment, Culture ...), are invited to submit the summary of the most important points of their theses. Further information about this PhD Workshop is available in the section "[PhD Workshop](https://sahara-economy3.sciencesconf.org/resource/page/id/8)", on our website:

<https://sahara-economy3.sciencesconf.org/resource/page/id/8>

10- Sahara Desert Excursion

(Combine pleasure, business, and science)

The [Desert Action](#) association organize on **Friday, May 13, 2022**, an excursion to the desert of Sbita (Dakhla region). This excursion is part of the post-congress program of the Third International Congress on Desert Economy, it's an opportunity to savor the beauty of this region.

Further information about this Excursion is available in the section "[Sahara Desert Excursion](https://sahara-economy3.sciencesconf.org/resource/page/id/12)", on our website: <https://sahara-economy3.sciencesconf.org/resource/page/id/12>

At the closure of the congress, there will be a musical concert entitled " **The Sahara desert music** " concert.

<https://facebook.com/Desert-Action-343917626009142/>



[The Desert Action Association, Dakhla, Morocco](#)

The Sbita Desert:

In the middle of nowhere, to combine business with pleasure.

The most peaceful and joyful moments in the middle of nowhere, "The Sbita Desert ", with its sandy horizons, adorned by the most amazing desert tree: the Acacia (raddiana), under its refreshing shadows, while listening to some classic tones of the Desert: "Hassani music" (Sahara desert music), you will attend a "desert barbecue" and you will taste the traditional dish of southern provinces: "Rice with camel meat". Of course, this time of entertainment is interrupted by three ritual and special moments, those of the presentation of the famous three cups of "Saharan Tea", prepared under a tent of the desert.

This moment of relaxation and contemplation, is not a moment of inactivity, but also an opportunity to combine business with pleasure: Times of exploration, curiosity and popular science. The light will be put on certain phenomena that take place in the desert: Meteorological (precipitation and plants of the desert), geological (formation of dunes), archaeological...

Also this will be an opportunity to raise awareness for students and high school pupils of astronomy and space field experimentation and simulation in desert, and it will also be a suitable moment to underscore the economic potential of Space industry, the economics of space (space economy), and all space related economic activities that takes place in Deserts, Sahara, and Arid lands.

And above all, the central desert place around the world and its promising economic potential: desert tourism (Sahara), sport and adventure tourism, renewable energies, agriculture, raw materials and minerals, oceanic economy (blue), desert technology, tangible and intangible heritage (cultural) ... etc

Departure from Dakhla: Friday, May 13, 2022 at 09:00 H.

Return to Dakhla: In the evening 19:00 H.

The menu:

Beet salad (Barba salad)

Tomato salad

Pasta salad

Cucumber salad

Nicoise salad

Rice with camel meat (the traditional dish in the southern provinces)

Grilled chicken

Grilled sheep

Grilled kebabs

Drinks

Bread

Saharan tea.

11- About this Congress.

The idea of the International Congress on Desert Economy - Dakhla, arose for the first time by an initiative of Prof. Elouali Aailal, in the framework of the " [Desert Action](#) " association (literally in Arabic "Desert Pioneers" " رواد الصحراء "), on February 2017, in Dakhla city, then, thanks to an official convention between the National School of Business and Management (ENCG Dakhla) of Dakhla, and the Regional Council of the Dakhla Oued Eddahab Region, this agreement provides for the annual co-organization of this Congress.

The [Desert Action](#) Association, in Dakhla, is the first Moroccan, African, and International organization, specialized in Arid Lands, Sahara, and Desert economy development (oases and remote rural areas development), business, management, and in promoting, attracting and encouraging investment in the Sahara and deserts (arid lands). The ultimate goal of the Desert Action Association is to enhance scientific research and development (R&D) on Deserts, Arid Lands, and the Sahara, in an approach of thinking globally (Internationally) and acting locally.

<https://facebook.com/Desert-Action-343917626009142/>

The web page of the third edition of the International Congress on Desert Economy – Dakhla **2020** (postponed to 2022):

<https://sahara-economy3.sciencesconf.org>

The web page of the second edition of the International Congress on Desert Economy – Dakhla **2019**:

<https://sahara-economy.sciencesconf.org>

The web page of the first edition of the International Congress on Desert Economy –Dakhla **2018**:

<https://desert-economy1.sciencesconf.org>

12- The " Théodore Monod Desert Award " project.

In february 2017, and by an initiative of Prof. Elouali Aailal, the [Desert Action](#) Association - Dakhla, was the instigator of the project to create an annual Prize named "*The Théodore Monod Desert Award* " ([Prof. Théodore Monod](#)), to be the first worldwide Award for scientific research and economic development of arid lands, the Sahara, and desert, in order to pay tribute and honor the memory of this exceptional man who devoted his life to scientific research on the desert and arid lands, and to acknowledge his human qualities and his pioneering efforts on desert and Sahara studying and exploring. The idea was to annually award this Prize within the framework of the editions of the International Congress on Desert Economy - Dakhla, to encourage and enhance scientific, economic and development studies and research on deserts (arid lands, Sahara), in its different aspects: scientifics, economics...

[Youtube Video](#)

Think globally, act locally.



Les 11 et 12 Mai 2022, ENCG Dakhla.

Penser globalement, agir localement.

l'École Nationale de Commerce et de Gestion, ENCG Dakhla, Maroc.

<https://sahara-economy3.sciencesconf.org/>

<https://facebook.com/Desert-Action-343917626009142/>

E-mail: economydesert@gmail.com **Phone:** +212618086893

www.encg-dakhla.ac.ma

<https://facebook.com/ENCG.DAKHLA.Desert.Sahara.Economy.Development.Conf/>

المؤتمر الدولي الثالث حول اقتصاديات الصحراء - الداخلة. المغرب.
اقتصاديات الطاقة بين الصحراء والمحيط.
المدرسة الوطنية للتجارة والتسيير. جهة الداخلة واد الذهب.



13- PROGRAMME

Le Mercredi 11 Mai 2022

– **10h00 : ACCUEIL DES PARTICIPANTS A L'ENCG DAKHLA.**

– **11h00 : MOTS DES ALLOCUTIONS.**

- **Mot d'ouverture et de bienvenue de Monsieur le Directeur de l'ENCG Dakhla.**
- **Mot du Président du Congrès International sur l'Économie du Désert - l'ENCG Dakhla.**
- **Mot du Président de la Région Dakhla-Oued Ed Dahab.**
- **Mot du Président du Conseil Municipal de Dakhla.**
- **Mot du Président du Conseil Provincial d'Oued Ed Dahab.**
- **Mot du Président de l'Université Ibn Zohr.**
- **Mot du Directeur Régional de l'Energie et des Mines. Dakhla.**
- **Mot du Directeur Régional de la Culture. Dakhla.**
- **Mot du Représentant de la Banque Centrale Populaire (BCP).**
- **Mot du Directeur de l'Institut Africain de Recherche en Agriculture Durable (ASARI), Université Mohammed VI Polytechnique (UM6P). Laâyoune.**
- **Mot du Représentant du Conseil National des Droits de l'Homme (CNDH).**

– **12h00 : L'INTERVENTION INAUGURALE.**

- **The experience of the State of Nevada, its universities, and institutes, in terms of research and development of desert and arid lands.** *Brain Sandoval.* President of the University of Nevada, Reno. The former Governor of the State of Nevada. United States.

– **12h15 : PAUSE CAFE.**

– **12h45: SEANCE PLENIERE.**

- **Beyond Aqua Nullius.** *Jimmy Cocking.* Director of the Desert Knowledge Australia (DKA). Director of Northern Possibilities and former CEO of the Arid Lands Environment Center. Australia.
- **Deserts and the Space Economy and Industry: From Earth to Outer Space.** *Elouali Aailal.* Founder and President of the International Congress on Desert Economy – Dakhla. Professor at ENCG Dakhla. Morocco.
- **AI, Energy and Sustainability.** *Christoph Lütge.* Director of the Institute for Ethics in Artificial Intelligence. Technical University of Munich. Germany.
- **Le camelin, nouveaux challenges pour un développement durable.** *Bouabid Badaoui.* Université Mohammed VI Polytechnique Laâyoune – ASARI. Maroc.
- **Tackling Wicked Water Problems in the Transboundary Colorado River Basin.** *Sharon Megdal.* President of the International Arid Lands Consortium. Director of the University of Arizona Water Resources Research Center (WRRC). Arizona, United States.
- **L'énergie et la gestion des ressources hydrauliques.** *Krishna Devkota.* Université Mohammed VI Polytechnique Laâyoune – ASARI. Maroc.
- **Morocco, a key regional player in energy sector.**
 - + *Michael Goodsite.* Director of Institute for Sustainability, Energy and Resources, University of Adelaide. Australia.

- + *Khalid Amrouch*. University Mohammed VI Polytechnic, Morocco & University of Adelaide. Australia.
- + *Chris Matthews*. University of Adelaide. Australia.
- + *Huanyu Jin*. Future Making Fellow. Institute for Sustainability, Energy and Resources, University of Adelaide. Australia.

- **The relationship between transport and tourism.** *Pilar Socorro*. Vice Dean of the Degree in Economics. Faculty of Economics, Business, and Tourism. University of Las Palmas de Gran Canaria, Spain.
- **Énergie et sécurité alimentaire dans les terres arides.** *Abdelaziz Nilahyane*. Université Mohammed VI Polytechnique Laâyoune – ASARI. Maroc.

– **14h00 : DEJEUNER.**

– **15h30 : SESSIONS PARALLELES DUCONGRÈS.**

SESSION I

1. **Les pratiques de l'intelligence territoriale dans le cadre de la préparation du plan d'action communal.** *Mouna Bouaoulou, Mohammed Nmili*. Université Sidi Mohamed Ben Abdellah, Fés.
2. **Les Pratiques de la logistique inversée dans le commerce électronique : Quelles implications marketing ? Une étude exploratoire.** *Ghizlane Errabi, Chakib Hamadi*. Ecole Nationale de Commerce et de Gestion de Marrakech, Université Qadi Ayyad, Marrakech.
3. **Les smart cities : Locomotives pour le développement durable.** *Meryem Ait Ouali*. Université Sidi Mohamed Ben Abdellah, Fés.
4. **Performance des PME au Maroc: Exploration des facteurs de succès et d'échecs.** *Mohamed Elmehdi Farsad*. Laboratoire des Etudes et Recherches en Economie et Gestion *LEREG*, Université Ibn Zohr, Agadir.
5. **Contribution des coopératives au développement durable.** *Asmae El Hidani*. École Nationale de Commerce et de Gestion de DAKHLA, Université Ibn Zohr.
6. **Public private partnerships through the territory: From a concept to a contextual concept.** *Chorouk Drissi El Bouzaidi*. Faculty of Law, Economic and Social Sciences, Tangier.
7. **Sustainable development of ocean and desert areas: The crucial role of appropriate legal frameworks and effective compliance mechanisms.** *Grazia MariaVagliasindi*. Department of Law, University of Catania, Italy.
8. **The energy performance of the company through ISO 50001.** *Amine Dalli, NajatOuaaline*. Faculty of Sciences and Technologies, Hassan 1 University, Settat.
9. **Trade-offs among lean, green and agile paradigms in supply chain management.** *Fadwa Bouhannana, Akram Elkorchi*. Laboratory of Systems Engineering and Decision Making, *Ecole Nationale des Sciences Appliquées* d'Agadir, Ibn Zohr University, Agadir.
10. **Transition vers un système énergétique 100% renouvelable à l'horizon 2050.** *Mohamed Maaouane*. Université Mohammed Premier, Oujda.

11. الاقتصاد الإبداعي: إسهام الأنشطة الإبداعية المتعلقة بفن الشارع و الموروث الثقافي اللامادي، في استقطاب السياح وإعادة جذبهم. *يونس بنان، سناء حواطة*. جامعة ولاية كاليفورنيا، جامعة الحسن الثاني.

SESSION II

1. **La mise en tourisme du patrimoine culturel à travers l'analyse de la chaîne de valeur touristique.** *Kawtar Anini.* Université Ibn Tofail, Kenitra.
2. **La modélisation de la volatilité du marché boursier.** *Assia Rhatous. Driss Daoui.* Laboratoire de recherche en Management, Finance et Comptabilité, Faculté des Sciences Juridiques, Economiques et Sociales de Kenitra, Université Ibn Tofail, Kenitra.
3. **La place de la migration dans les objectifs du développement durable.** *Hajar El Moukhi.* Ecole Nationale de Commerce et de Gestion de Dakhla, Université Ibn Zohr.
4. **La promotion de l'énergie solaire au Maroc : Les mesures incitatives.** *Saida El Youssoufi Attou.* Equipe Droit de l'Environnement, Politiques Publiques et Développement Durable, Université Mohammed V de Rabat.
5. **La territorialisation des politiques publiques et gouvernance.** *Abdelmoughit Zine-Dine.* Faculté des Sciences Juridiques, Economiques et Sociales de Meknès, Université Moulay Ismail, Meknès.
6. **Le cluster solaire de la région Draa-Tafilalet au Maroc : Levier de développement territorial durable.** *Mohamed Zahidi, Jamila Ayegou.* Laboratoire de Recherche sur la Nouvelle Economie et Développement LARNED, Université Hassan II, Casablanca.
7. **Le contrôle interne et la gestion des risques bancaires : Cas des banques marocaines.** *Afafe Hertouch, Mustapha Achibane.* Ecole Nationale de Commerce et de Gestion de Kenitra, Université Ibn Tofail, Kenitra.
8. **Le management des collectivités territoriales : Que change-t-il après quatre ans sur la mise en place de la régionalisation avancée ?** *Nouha Amrani, Mohamed Hemmi.* Université Sidi Mohamed Ben Abdellah, Fès.
9. **Le patrimoine culturel de la région de Dakhla-Oued Eddahab : Levier du développement local.** *El Mehdi Sehasseh.* Institut National des Sciences de l'Archéologie et du Patrimoine, Rabat.
10. **Le potentiel des zones désertiques marocaines en énergie éolienne.** *Chama El Moummy, Hindou Baddih.* Faculté des Sciences Juridiques, Economiques et Sociales de Kenitra, Université Ibn Tofail, Kenitra.
11. **Le système fiscal marocain à la lumière du nouveau modèle de développement : Littérature académique.** *Mouad Kassimi, Abdelmajid Ibenrissoul.* University Hassan II, Casablanca.
12. **Les Imraguen : une communauté maritime du désert.** *Zainab Diouri.* Institut National des Sciences de l'Archéologie et du Patrimoine INSAP, Rabat.

SESSION III

1. **Analysis of the links between Socio-economic activities and their impacts on the Oualidia lagoon (Moroccan Atlantic coast) using the "DPSIR" Model.** *Mohammed Bouchkara.* Université Chouaib Doukkali, El Jadida.
2. **Bien-être social et inégalités : Quel impact des inégalités énergétiques sur le bien-être social au Maroc ?** *Najib Bahmani¹, Mustapha Jaad²,* ¹Faculté des Sciences Juridiques, Economiques et Sociales d'Agadir, ²Faculté Polydisciplinaire de Taroudant, Université Ibn Zohr, Agadir.
3. **Capital humain et croissance régionale au Maroc : Niveau et disparités.** *Hicham Goumrhar.* Université IBN ZOHR, Agadir.
4. **Climat des affaires en Afrique: Quels défis pour les entreprises marocaines?** *Mohamed Kadous, Mohamed Ezzarouki.* Faculté des Sciences Juridiques, Economiques et Sociales de Meknès, Université Moulay Ismail, Meknès.
5. **Collectivités territoriales et acteurs de l'ESS : Quelle contribution des projets de développement régionaux dans les dynamiques socio-économiques locales.** *Youness Boudohay, Abdallah Sadik.* Laboratoire de Recherche en Gestion des Entreprises LaRGE, Université Ibn Zohr, Agadir.
6. **Comment la ville de DAKHLA est devenue un nouvel eldorado sportif ?** *Abdelbassat Elhajoui,* Institut Royal de Formation des Cadres, Salé.
7. **Connectivité Maritime des pays de l'Afrique de l'Ouest : Quel positionnement pour le Maroc ?** *Ahmed Bouklata, Chafik Bensfia.* Faculté des Sciences Juridiques, Economiques et Sociales de Fès, Université Sidi Mohamed Ben Abdellah, Fès.

8. **Economie bleue et bien-être social. Etude de cas du projet de dessalement de l'eau de mer d'Agadir.** *Najib Bahmani*¹, *Mustapha Jaad*²,¹*Faculté des Sciences Juridiques, Economiques et Sociales d'Agadir,*²*Faculté Polydisciplinaire de Taroudant, Université Ibn Zohr, Agadir.*
9. **Economie d'énergie dans les industries.** *Kaoutar Roussi.* École Nationale de Commerce et de Gestion de DAKHLA.
10. **Environmental issues of industrial supply chain.** *Sana Elhidaoui.* Ecole Supérieure de Technologie de Safi, Université Cadi Ayyad, Safi.
11. **Etude du développement des clusters touristiques au Maroc en termes d'intervention publique.** *Naoufal Chakri, Lalla Saadia Hamidi.* Laboratoire de Recherche en Management des Organisations, Droit des Affaires et Développement Durable LARMODADD, Université Mohammed V de Rabat.
12. **Etude ethnobotanique du Pré-Rif.** *Salma El Amane.* Biotechnologie et Valorisation des bio-Ressources, Université Moulay Ismail, Meknès.

SESSION IV

1. **Financement des Très Petites et Moyennes Entreprises (TPME) au Maroc : Rôle de la finance rurale et durable.** *Wafaa Tani.* *Faculté des Sciences Juridiques, Economiques et Sociales d'Agadir,* Université Ibn Zohr, Agadir.
2. **Forecasting energy consumption of Morocco towards 2040.** *Nouredine Berdegui, Mohamed Ouzineb.* Institut National de Statistique et d'Economie Appliquée, Rabat.
3. **Intelligence économique territoriale, entreprises et développement local.** *Mohammed Khariss, Hajar Ouahrich.* *Faculté des Sciences Juridiques, Economiques et Sociales - Souissi,* Université Mohammed V de Rabat.
4. **L'accompagnement de la TPE face à la réticence du dirigeant.** *Hafsa Elbassim, Mina Elgraini.* Université Mohammed V de Rabat.
5. **L'apport de l'intelligence territoriale dans le cadre de la régionalisation avancée : Le cas du Sahara.** *Sara Hind Bachir, Mohamed Legssyer.* *Laboratoire Économie et Management des Organisations, Faculté des Sciences Juridiques, Economiques et Sociales de Oujda,* Université Mohammed Premier, Oujda.
6. **L'écotourisme dans les aires protégées : Quelle attractivité touristique du parc national Souss Massa.** *Ahmed Anejjar.* *Faculté des Sciences Juridiques, Economiques et Sociales d'Agadir,* Université Ibn Zohr, Agadir.
7. **La communication publique environnementale : enjeux et acteurs.** *Ouafae Bouchaf.* Ecole Nationale de Commerce et de Gestion de Dakhla, Université Ibn Zohr.
8. **L'efficacité de la politique industrielle au Maroc : Vers une réconciliation industrie-territoire.** *Fatiha Addyoubah.* *Faculté des Sciences Juridiques, Economiques et Sociales de Meknès,* Université Moulay Ismail, Meknès.
9. **L'efficacité du tourisme intérieur marocain pour la relance face à la pandémie du COVID 19.** *Souad Ladib.* *Laboratoire de Recherche en Compétitivité Economique et Performance Managériale LARCEPEM, Faculté des Sciences Juridiques, Economiques et Sociales – Souissi,* Université Mohammed V de Rabat.
10. **L'évaluation des politiques publiques : Quels défis pour les acteurs régionaux ?** *Mohamed Abdedaïme, Ahlam Qafas.* *Equipe de recherche Stratégie, Contrôle et Développement des Organisations, Faculté des Sciences Juridiques, Economiques et Sociales de Kénitra,* Université Ibn Tofail, Kénitra.
11. **L'impact social des pratiques RSE 2.0 au Maroc.** *Youssef Ouazzouz.* *Faculté des Sciences Juridiques, Economiques et Sociales – Agdal,* Université Mohammed V de Rabat.
12. **L'impact socio-économique des Plateformes Industrielles Intégrées (P2I) sur le développement territorial des provinces du Sud du Royaume.** *Fatiha Addyoubah.* Université Moulay Ismail, Meknès.
13. **L'intégration de la démarche RSE au service du développement durable.** *Yassine Boudi.* *Faculté des Sciences Juridiques, Economiques et Sociales d'El Jadida,* Université Chouaib Doukkali, El Jadida.

Le Jeudi 12 Mai 2022

– 11h00: SESSIONS PARALLELES DE L'ATELIER DOCTORAL

SESSION I

1. **Les effets de la qualité des institutions sur la croissance économique. Analyse à l'échelle macroéconomique des pays.** *Outhami Bennaceur*. Faculté des Sciences Juridiques, Economiques et Sociales de Souissi, Université Mohamed V, Rabat.
2. **Cartographier le développement de la recherche sur l'impact des événements sportifs : Une revue systématique de la littérature.** *Adnane Zourgani*. Ecole Nationale de Commerce et de Gestion, Université Ibn Zohr, Agadir.
3. **Corporate governance and corporate tax risk in the Moroccan listed companies: A conceptual overview.** *AbdellahChouqi*. Faculté des Sciences Juridiques, Economiques et Sociales, Université Hassan 2, Ain Chock, Casablanca.
4. **La femme et l'accès au soin : Cas de province de TATA.** *Ali Ikkou*. Faculté des Sciences Juridiques, Economiques et Sociales, Université Sidi Mohamed Ben Abdellah, Fès.
5. **L'innovation sociale en économie sociale et solidaire : Cas des coopératives.** *MariamLou*. Ecole Nationale de Commerce et de Gestion, Université Ibn Zohr, Agadir.
6. **Audit interne et gouvernance des collectivités territoriales.** *Mohamed Tariq*. Ecole Nationale de Commerce et de Gestion de Kénitra, Université Ibn Tofail, Kénitra.
7. **Analyse bibliométrique de la production scientifique relative à l'e-WOM durant les 9 dernières années.** *Imane Asname*. Faculté d'Economie et de Gestion, Université Ibn Tofaïl, Kénitra.
8. **L'impact de la gestion des risques opérationnels sur la performance financière des banques marocaines.** *BtissameRaibouaa*. Faculté des Sciences Juridiques, Economiques et Sociales Ait Melloul, Université Ibn Zohr, Agadir.
9. **Inégalités en matière d'accès aux soins de santé au Maroc.** *SaraHdda*. Faculté des Sciences Juridiques, Economiques et Sociales de Souissi, Université Mohamed V, Rabat.
10. **L'interdépendance économique dans les relations Maroc-Espagne.** *Ahmed El MehdiEl Jouad*. Faculté des Sciences Juridiques, Economiques et Sociales d'Agdal, Université Mohammed V, Rabat.
11. **Les facteurs d'attractivité au service du développement local dans le cadre de la régionalisation avancée.** *LailaSellami*. Faculté Polydisciplinaire, Université Sultan Moulay Slimane, Khouribga.
12. **Université, région et entreprise : Quel lien pour le développement d'un territoire ?** *Akram El Omari*. Faculté des Sciences Juridiques, Economiques et Sociales de Casablanca, Université Hassan 2, Ain Sebaa, Casablanca.
13. **La contribution des programmes d'alphabétisation sur l'insertion sociale, économique et professionnelle citoyens analphabètes ou faiblement scolarisés.** *Mohammed Amine Douai*. Faculté d'Economie et de Gestion Université Ibn Tofaïl, Kenitra.
14. **Les pratiques de la comptabilité environnementale dans les entreprises marocaines : Etat d'avancement.** *Ikram Senhadji*. Faculté des Sciences Juridiques, Economiques et Sociales de Tanger, Université Abdelmalek Essaâdi, Tanger.
15. **La Démarche de qualité durable et la réussite du nouveau modèle de l'université Marocaine.** *Zakariae Laassili*. Faculté des Sciences Juridiques, Economiques et Sociales de Tanger, Université Abdelmalek Essaâdi, Tanger.

– 14h00 : DEJEUNER.

– **15h30 SESSIONS PARALLELES DE L'ATELIER DOCTORAL.**

SESSION II

1. **L'engagement du client professionnel via les communautés virtuelles.** *Salwa Taleb.* Faculté des Sciences Juridiques, Economiques et Sociales, Agdal, Université Mohammed V, Rabat.
2. **Entreprenariat : Genèse et fondements théoriques.** *Fatimazahra Bertat.* Faculté des Sciences Juridiques, Economiques et Sociales de Fès, Université Sidi Mohamed Ben Abdellah, Fès.
3. **La gouvernance familiale : Quels impacts sur la performance des entreprises familiales.** *Yassine El Bahaoui.* Faculté des Sciences Juridiques, Economiques et Sociales, Université Ibn Zohr, Agadir.
4. **Environmental governance, between sustainable management and challenges that are faced.** *Oumaima Bouigargaoun.* Faculté des Sciences Juridiques, Economiques et Sociales de Marrakech, Université Cadi Ayyad, Marrakech.
5. **L'étroite relation entre l'économie et la science du droit.** *Mohamed Ahmed Hammana.* Faculté des Sciences Juridiques, Economiques et Sociales de Marrakech, Université Cadi Ayyad, Marrakech.
6. **Integrated agronomic practices to enhance forage productivity and quality of blue panicum (panicum antidotale retz.) under saline and arid conditions in the south of Morocco.** *Ayoub El Mouttaqi.* University Mohammed VI Polytechnic Laayoune – ASARI.
7. **Domestication des plantes natives du sud du Maroc à des fins de valorisation.** *Hafsa Debbagh-Nour.* Université Mohammed VI Polytechnique Laâyoune – ASARI.
8. **Écologie, caractérisation et mycorhization contrôlée des truffes du désert au sud du Maroc.** *Imane Zniber.* Université Mohammed VI Polytechnique Laâyoune – ASARI.
9. **L'adoption de l'innovation entrepreneuriale et la valeur créée.** *Safa Laaraj.* Faculté des Sciences Juridiques, Economiques et Sociales, Université Hassan 2, Ain Chock, Casablanca.
10. **L'impact de la transformation digitale sur le marketing relationnel et le rôle de l'innovation ouverte dans le secteur automobile.** *Oumaima Baki Senhaji.* Ecole Nationale de Commerce et de Gestion de Tanger, Université Abdelmalek Essaâdi, Tanger.
11. **Le mécanisme de cession des parts sociales dans la SARL.** *Dounia El Hamel.* Faculté des Sciences Juridiques Economiques et Sociales d'Agadir, Université Ibn Zohr, Agadir.
12. **L'impact des biais comportementaux sur les décisions financières des investisseurs.** *Meriem Essoussi.* Faculté des Sciences Juridiques Economiques et Sociales de Marrakech, Université Cadi Ayyad, Marrakech.
13. **Impact du marketing d'influence sur le comportement du consommateur Marocain : Cas du secteur touristique.** *Salma Bakkali.* Faculté d'Economie et de Gestion, Université Sultan Moulay Slimane, Béni Mellal.
14. **La banque de demain sera-t-elle robotisée ?** *Ahmed Bahbah.* Faculté d'Economie et de Gestion, Université Sultan Moulay Slimane, Béni Mellal.

– **20h30 : DINER GALA ET CLOTURE.**

